

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS:

1 1. (currently amended) Ink composition
2 comprising:
3 - a binder
4 - one or several dyes and/or pigments, and
5 - a solvent ionisable species,
6 in which the said solvent comprises at least 10% by
7 weight - in relation to the total weight of the ink -
8 of 1,3-dioxolane, at least 5% by weight of one or
9 several other organic compounds that can dissociate the
10 ionisable species in the ink, and less than 5% water.

1 2. (original) Ink composition according to claim
2 1, comprising from 10 to 85% by weight of dioxolane.

1 3. (previously amended) Ink composition according
2 to claim 1, comprising from 5 to 50% by weight of the
3 said other organic compounds(s).

1 4. (currently amended) Ink composition according
2 to claim 1, in which the said other organic compound(s)
3 are ~~chosen from~~ selected from the group consisting of
4 alcohols, ketones, glycol alkylene ethers and esters,
5 dimethyl formamide, N-pyrrolidone and any other

6 compounds known for their ability to dissociate
7 ionisable species and, if appropriate, their properties
8 of dissolving the other ingredients in the ink
9 composition and/or to slow down the evaporation of the
10 ink; and their mixtures.

1 5. (currently amended) Ink composition according
2 to claim 4, in which the said other compound(s) are
3 chosen from linear or branched aliphatic alcohols with
4 from 1 to 5 carbon atoms, ketones with from 3 to 10
5 carbon atoms, monoalkylic ethers ~~(in C1 to C6)~~ with 1
6 to 6 carbon atoms in the alkyl group or dialkyl ~~(in~~
7 ~~C1 to C6)~~ glycol alkylenes comprising ethers with 1 to 6
8 carbon atoms in each alkyl group, alkylene glycols with
9 1 to 10 carbon atoms in the alkylene chain, ~~such as~~
10 ~~ethylene glycol and propylene glycol,~~ and the esters of
11 ~~these~~ the ethers and the alkylene glycols with
12 saturated aliphatic carboxylic acids with 1 to 6 carbon
13 atoms.

1 6. (original) Ink composition according to claim
2 1, in which the said binder comprises one or several
3 resins or polymers.

1 7. (currently amended) Ink composition according
2 to claim 6, in which the said resin(s) and/or
3 polymer(s) are ~~chosen from~~ selected from the group
4 consisting of the methacrylic, vinylic, ketonic,

5 phenolic, cellulosic, styrenic, epoxy, polyurethane and
6 styrene - acrylate resins, and the combination of two
7 or more of these.

1 8. (previously amended) Ink composition according
2 to claim 1, comprising 0.1 to 30% by weight of binder.

1 9. (original) Ink composition according to claim
2 1, comprising, in addition, one or several plastifiers
3 at a level of 0.1 to 20% by weight.

1 10. (original) Ink composition according to claim
2 1, in which the said solvent(s) and/or pigment(s) are
3 chosen from dyes and pigments known as "C. I. Solvent
4 Dyes" and "C. I. Pigments".

1 11. (previously amended) Ink composition
2 according to claim 1, comprising 0.1 to 20% by weight
3 of dye(s) and/or pigment(s).

1 12. (previously amended) Ink composition
2 according to claim 1, comprising, in addition, at least
3 one conductivity salt at a level of 0.1 to 20% by
4 weight.

1 13. (currently amended) Ink composition according
2 to claim 12, in which the said conductivity salt is
3 ~~chosen from~~ selected from the group consisting of

4 alkali metal salts, alkaline earth salts and single or
5 quaternary ammonium salts, in the form of halides,
6 perchlorates, nitrates, thiocyanates, formiates,
7 acetates, sulphates and propionates.

1 14. (currently amended) Ink composition according
2 to claim 1, comprising, in addition, one or several
3 additives ~~chosen from~~ selected from the group
4 consisting of anti-foaming agents, chemical
5 stabilisers, UV stabilisers, surfactants, inhibitors to
6 prevent salt corrosion, bactericides, fungicides,
7 biocides, and pH buffering agents.

1 15. (previously amended) Process for marking
2 objects by the projection of ink onto these objects,
3 whereby the projected ink is an ink composition
4 according to claim 1.

1 16. (original) Process according to claim 15,
2 whereby the marking is achieved by the technique of
3 continuous deflected ink jet.

1 17. (new) Ink according to claim 5, in which said
2 alkylene glycols are selected from the group consisting
3 of ethylene glycol and propolymer glycol.